



Keystone Ag Digest



Cooperating with the Pennsylvania Department of Agriculture

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Released: Late November 2007

Bi-Monthly

Vol. 07 No. 22

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This publication may be found on the Internet at www.nass.usda.gov/pa and click on "Pennsylvania Publications."		

Note to Survey Respondents: Results of many surveys we conduct throughout the year are included in this report! Most survey results are not published individually. **Thank you** for taking the time to complete our surveys!

OCTOBER MILK PRODUCTION

Milk production in Pennsylvania during October 2007 totaled 887 million pounds, 0.5 percent above last October's production of 883 million pounds. The number of milk cows in the state during the month averaged 551,000 head, up 1,000 head from September 2007 but 1,000 head less than a year ago. Production per cow averaged 1,610 pounds, up 60 pounds from September and 10 pounds above the October 2006 average.

Milk production in the 23 major States during October totaled 14.2 billion pounds, up 4.1 percent from October 2006. September revised production at 13.7 billion pounds, was up 3.1 percent from September 2006. The September revision represented an increase of 10.0 million pounds or 0.1 percent from last month's preliminary production estimate. Production per cow in the 23 major states averaged 1,699 pounds for October, 47 pounds above October 2006. The number of milk cows on farms in the 23 major States was 8.35 million head, 98,000 head more than October 2006 and 13,000 head more than September 2007.

DAIRY PRODUCTS

United States' butter production was 112 million pounds, 7.3 percent above September 2006 and 2.0 percent above August 2007. Total cheese output (excluding cottage cheese) was 778 million pounds, 1.4 percent below September 2006 and 2.3 percent below August 2007. Italian type cheese production totaled 330 million pounds, 0.9 percent above September 2006 but 1.0 percent below August 2007. American type cheese production totaled 303 million pounds, 5.3 percent below September 2006 and 2.9 percent below August 2007. Frozen products: (comparisons with September 2006) Ice cream, Regular (hard) --- 70.9 million gallons, down 5.4 percent. Ice cream, Lowfat (total) --- 29.7 million gallons, down 3.8 percent. Sherbet (hard) --- 4.32 million gallons, up 13.9 percent. Frozen Yogurt (total) --- 4.33 million gallons, down 24.8 percent.

PRODUCTION OF SELECTED DAIRY PRODUCTS

Products	Sep 2006	Aug 2007	Sep 2007
	000 Lbs.		
PENNSYLVANIA			
Butter	4,829	2,783	3,885
Ice Cream	3,394	3,316	2,600
UNITED STATES			
Butter	104,317	109,804	111,948
Cheese:			
American Types	320,115	312,183	303,053
Swiss	25,066	25,828	25,204
Brick and Muenster.....	7,913	10,656	9,139
Cream and Neufchatel	70,417	72,396	71,509
Mozzarella	258,736	264,074	263,701
Other Italian	68,398	69,555	66,463
Total Italian Types	327,134	333,629	330,164
All Other.....	21,788	24,617	22,596
Total.....	788,604	795,618	777,501
NF Dry Milk, Human	63,278	102,999	90,317
Yogurt, Plain & Flavored	288,769	309,871	315,323
	000 Gal.		
FROZEN PRODUCTS:			
Ice Cream, Hard	74,979	82,797	70,928
Ice Cream, Lowfat	30,887	38,791	29,703
Ice Cream, Nonfat	1,051	1,300	1,110
Sherbet, Hard	3,795	4,853	4,322
Frozen Yogurt, Total.....	5,756	5,396	4,331
FOR PRODUCTS:			
Ice Cream Mix	40,245	45,135	38,477
Ice Cream Mix, Lowfat.....	17,647	22,325	16,932
Ice Cream Mix, Nonfat.....	660	728	622
Sherbet Mix	2,727	3,125	2,674
Yogurt Mix	3,303	3,270	2,625

MILK COWS & MILK PRODUCTION

Item	Unit	Pennsylvania			23 States		
		Oct 2006	Sep 2007	Oct 2007	Oct 2006	Sep 2007	Oct 2007
Milk Cows	Thous.	552	550	551	8,255	8,340	8,353
Milk Per Cow	Lbs.	1,600	1,550	1,610	1,652	1,646	1,699
Milk Production	Mil. Lbs.	883	853	887	13,637	13,725	14,190

CROP PROSPECTS – NOVEMBER 1, 2007 WITH COMPARISONS

Crop	Year	Pennsylvania				United States				Unit
		Acreage (000)		Production		Acreage (000)		Production		
		Planted	Harvested	Per Acre	(000)	Planted	Harvested	Per Acre	(000)	
Corn	2006	1,350	960 ¹	122.0	117,120	78,327	70,648 ¹	149.1	10,534,868	Bu.
	2007	1,450	970 ¹	120.0	116,400	92,888	86,071 ¹	153.0	13,167,741	Bu.
Wheat, Winter	2006	160	150	59.0	8,850	40,575	31,117	41.7	1,298,081	Bu.
	2007	170	155	58.0	8,990	44,987	35,952	42.2	1,515,989	Bu.
Oats	2006	135	110	64.0	7,040	4,168	1,566	59.8	93,638	Bu.
	2007	115	80	56.0	4,480	3,760	1,505	60.9	91,599	Bu.
Barley	2006	55	46	81.0	3,726	3,452	2,951	61.1	180,165	Bu.
	2007	55	42	73.0	3,066	4,020	3,508	60.4	211,825	Bu.
Soybeans	2006	430	425	40.0	17,000	75,522	74,602	42.7	3,188,247	Bu.
	2007	440	415	40.0	16,600	64,081	62,818	41.3	2,594,275	Bu.
Hay, Dry Alfalfa	2006	-	500	3.00	1,500	-	21,384	3.35	71,666	Ton
	2007	-	550	2.70	1,485	-	21,451	3.37	72,347	Ton
Hay, Dry Other	2006	-	1,250	2.90	3,625	-	39,423	1.78	70,000	Ton
	2007	-	1,150	1.70	1,955	-	40,338	1.87	75,617	Ton
Tobacco, All	2006	-	7.9	2,056	16,240	-	338.9	2,144	726,644	Lbs.
	2007	-	7.9	2,154	17,020	-	355.1	2,000	709,965	Lbs.
Potatoes, Fall	2006	11.0	10.5	260	2,730	993.7	983.0	406	398,921	Cwt
	2007	10.5	10.0	220	2,200	1,010.8	997.8	409	408,325	Cwt

¹ Harvested for grain, remainder of planted acres for silage and other uses.

NOVEMBER 1, 2007 CROP FORECAST

Pennsylvania's 2007 production of corn for grain, soybeans, and potatoes is expected to be below last year based on November 1 conditions.

Corn for grain production is forecast at 116.4 million bushels, 1 percent less than last year. Acreage for harvest is estimated at 970,000 with an expected average yield of 120 bushels per acre, up 5 bushels per acre from the October 1 forecast, but 2 bushels per acre below last year.

Soybean production is forecast at 16.6 million bushels, 2 percent less than last year's production of 17.0 million bushels. Acreage for harvest is estimated at 415,000, compared with 425,000 last year. Yield is expected to average 40 bushels per acre, 1 bushel per acre above the October 1 forecast and unchanged from last year's yield.

Potato production is forecast at 2.20 million cwt., 20 percent less than last year. Acreage for harvest is expected to be 10,000, down 500 acres from last year and again the lowest harvested acreage on record. Yield is expected to average 220 cwt. per acre, compared to a yield of 260 cwt. per acre last year.

United States' Corn production is forecast at 13.2 billion bushels, down 1 percent from last month but 25 percent above 2006. Based on conditions as of November 1, yields are expected to average 153.0 bushels per acre, down 1.7 bushels from October but 3.9 bushels above last year. If realized, this yield would be the second highest on

record, behind 2004. Production would be the largest on record as producers expect to harvest the most corn acres for grain since 1933. Forecast yields are lower than last month across the northern and western Corn Belt and adjacent areas of the Great Plains where actual harvest results are revealing that the impact of the hot, dry conditions during pollination was worse than initially expected. Producers in the Ohio Valley, Tennessee Valley, and mid-Atlantic States reported higher yields than last month.

Soybean production is forecast at 2.59 billion bushels, down slightly from the October forecast and down 19 percent from last year's record high. Based on November 1 conditions, yields are expected to average 41.3 bushels per acre, down 0.1 bushel from last month and down 1.4 bushels from last year. Compared with last month, yields are forecast higher in Indiana, Michigan, Texas, and most of the Mid-Atlantic region as producers are realizing higher yields than expected. In contrast, yield prospects decreased or were unchanged across the remainder of the Nation as harvest progressed. Area for harvest in the U.S. is forecast at 62.8 million acres, unchanged from last month but down 16 percent from 2006.

Fall Potatoes: Production of fall potatoes for 2007 is forecast at 408 million cwt, up 2 percent from last year. Area harvested, at 997,800 acres, is virtually unchanged from the July estimate but 2 percent above last year. The average yield is forecast at 409 cwt per acre, up 3 cwt from last year's record high yield.



FALL POTATOES: PERCENT OF MAJOR VARIETIES PLANTED, SELECTED STATES 2007 CROP

State & Varieties	% of Acres	State & Varieties	% of Acres	State & Varieties	% of Acres	State & Varieties	% of Acres
CO		ME		ND		WA	
R Norkotah	50.0	R Burbank	39.1	R Burbank	44.7	R Burbank	38.5
Centennial R	9.0	Frito-Lay	18.9	Norlina	14.1	Ranger R	16.9
Rio Grande R	8.0	Superior	5.0	Shepody	9.6	Umatilla R	11.7
R Nugget	5.6	Shepody	4.6	Ranger R	6.1	R Norkotah	9.6
Yukon Gold	3.8	Snowden	3.8	Umatilla R	4.3	Shepody	6.9
Sangre	0.9	Yukon Gold	3.3	Frito-Lay	3.8	Alturas	3.6
Cherry Red	0.8	Goldrush	2.8	Sangre	3.4	Chieftan	2.1
Latona	0.8	Katahdin	2.8	Dakota Pearl	2.9	Frito-Lay	1.8
Durango Red	0.5	R Norkotah	2.6	NorValley	2.9	Pike	1.2
Colorado Rose	0.3	Norland	2.6	Goldrush	2.4	Other	7.7
Purple Majesty	0.3	Atlantic	2.0	Red LaSoda	2.1		
Chipeta	0.2	Ontario	2.0	Other	3.7	WI	
Atlantic	0.1	Monona	1.9			R Burbank	23.2
Other	19.7	Norwis	1.8	OR		R Norkotah	16.9
		Reba	1.5	R Burbank	24.9	Frito-Lay	16.6
ID		Other	5.3	R Norkotah	20.2	Goldrush	11.2
R Burbank	62.0			Ranger R	18.1	Norland	9.3
Ranger R	14.4	MN		Shepody	14.0	Silverton R	6.1
R Norkotah	9.8	R Burbank	52.9	Umatilla R	6.2	Superior	3.5
Western R	2.8	Norland	21.7	Alturas	5.1	Snowden	3.3
Alturas	1.7	Red Pontiac	4.4	Frito-Lay	4.2	Ranger R	1.5
Umatilla	1.6	Umatilla R	3.9	Yukon Gold	1.4	Atlantic	1.5
Frito-Lay	1.4	Sangre	2.7	NorValley	1.4	Shepody	1.3
Shepody	1.3	Cascade	2.2	Other	4.5	Other	5.6
Norland	1.0	NorValley	1.6				
Other	4.0	Dakota Rose	1.5				
		Ranger R	1.1				
		Snowden	1.1				
		Other	6.9				

The national Agricultural Statistics Service conducts variety surveys in 8 states, accounting for 89 percent of the 2007 forecasted U.S. fall potato production. Colorado data are from a growers potato variety survey. The remaining 7 States conduct objective yield surveys where all producing areas are sampled in proportion to planted acreage. Variety data shown above are actual percentages from these surveys.

FALL POTATO PRODUCTION

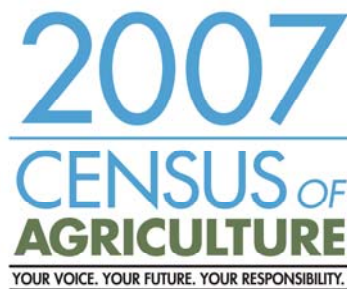
United States' production of fall potatoes for 2007 is forecast at 408 million cwt, up 2 percent from last year. Area harvested, at 997,800 acres, is virtually unchanged from the July estimate but 2 percent above last year. The average yield is forecast at 409 cwt per acre, up 3 cwt from last year's record high yield.

Western States production is forecast at 288 million cwt, up 6 percent from last year. Area harvested, at 642,000 acres, increased 4 percent from last year, and the average yield of 448 cwt per acre is up 5 cwt from 2006. Idaho's yield is forecast at 377 cwt per acre. If realized this would be the second highest yield on record, 9 cwt below the record yield set in 2006. Hot weather during the summer reduced the quality of the crop. Incidences of the Potato Virus Y were more frequent than normal which adversely affected yields. In Washington, harvest progressed normally this year. The quality of the crop is acceptable but not as good as in previous years. In Colorado, a severe wind storm followed by a late freeze in mid-June damaged plants that were already emerged. The earlier planted crop was slow to recover from the damage, leading to increased yield variability. Oregon's crop progressed at a normal pace with no major problems reported. In California, favorable weather conditions resulted in excellent crop quality and yields.

Central States production is forecast at 95.8 million cwt, down 3 percent from last year. Harvested area, at 267,200 acres, is down 4 percent, while the average yield, at 359 cwt per acre, is up 2 cwt from a year ago. Overall, the Wisconsin crop progressed ahead of normal. Growers reported a good quality crop with harvest completed on time or early. In North Dakota, crop condition was rated fair to good throughout the growing season. Michigan's yield is forecast at 350 cwt per acre. If realized, this would be a record high.

Eastern States production is forecast at 24.7 million cwt, down 9 percent from last year. Area for harvest totaled 88,600 acres, 3 percent below last year, while the average yield, at 279 cwt per acre, is down 20 cwt from last season. In Maine, excellent growing and harvesting conditions resulted in a high yielding, high quality crop. In Massachusetts and Rhode Island, above average temperatures and below average precipitation forced growers in many locations to irrigate.

FALL POTATO PRODUCTION, SELECTED STATES & US NOVEMBER 1, 2007 WITH COMPARISONS		
STATE	PRODUCTION	
	2006	2007
	<i>(000) Cwt</i>	
California	3,870	4,223
Colorado	22,686	20,981
Idaho	128,915	131,650
10 SW Co	9,975	10,290
Other ID	118,940	121,360
Maine	17,980	16,815
Massachusetts	744	797
Michigan	14,190	14,700
Minnesota	20,400	20,915
Montana	3,518	3,584
Nebraska	8,730	7,878
Nevada	2,937	2,925
New Mexico	2,100	2,310
New York	5,700	4,758
North Dakota	25,480	23,205
Ohio	1,008	975
Oregon	18,533	19,778
Malheur	1,523	1,628
Other OR	17,010	18,150
Pennsylvania	2,730	2,200
Rhode Island	130	171
Washington	89,900	102,300
Wisconsin	29,370	28,160
TOTAL	398,921	408,325



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